

Message Text

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ERDA FOR INTERNATIONAL AFFAIRS; EC BRUSSELS FOR
J. RUBIN

E.O.11652: N/A

TAGS: TECH, FR, US

SUBJ: ERDA-CEA DRAFT PROTOCOL

REF: PARIS 20077

1. FOLLOWING ON MR. PECQUEUR'S LETTER TO ERDA ASSISTANT ADMINISTRATOR ROBERTS OF JUNE 22, GEORGES VENDRYES WROTE TO ERIC BECKJORD ON JULY 13, 1976, AND INCLUDED IN THAT LETTER A LIST OF TOPICS CEA IS SUGGESTING FOR COLLABORATION WHICH WOULD DETAIL AREAS 1 THROUGH 10 WITHIN ARTICLE 4 OF THE SUBJECT PROTOCOL. THESE TOPICS, IN CEA'S VIEW, WOULD BE OPENED FOR EXCHANGE OF INFORMATION UPON SIGNATURE OF THE GENERAL BILATERAL AGREEMENT AND THE LMFBR PROTOCOL.

2. THE CEA PROPOSED LIST OF TOPICS:

AREA 1: NEUTRONICS ANALYSIS AND EXPERIMENTATION

NUCLEAR DATA

CALCULATION METHODS

INTEGRAL MEASUREMENTS IN CRITICAL EXPERIMENTS

NEUTRONIC INFLUENCE OF HIGHER ISOTOPES OF PU

NEUTRONIC INFLUENCE OF FISSION PRODUCTS

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STUDY OF CONTROL ROD EFFECT

BREEDING GAIN

NEUTRON PROPAGATION IN SHIELDING

DOPPLER COEFFICIENT, TEMPERATURE COEFFICIENT, SODIUM

VOID COEFFICIENT, DANGER COEFFICIENT.

AREA 2: SAFETY

LOCAL PLUGGING IN A SUBASSEMBLY

COMPLETE FLOW FAILURE

REACTIVITY INSERTION

SODIUM BOILING

CORE MELTING

CORE COMPACTION

STATE EQUATION OF OXYDE FUEL AT HIGH TEMPERATURE

RADIOACTIVE PRODUCTS DISSEMINATION

SCARABEE-CABRI REACTORS.

AREA 3: SODIUM TECHNOLOGY

CONTROL OF SODIUM FIRES

CARBON TRANSPORT IN SECONDARY SYSTEMS

SODIUM SAFETY SUIT

AREA 4: NON-NUCLEAR TEST FACILITIES

SODIUM FIRE FACILITIES

AREA 8: FUELS AND MATERIALS

CONTINUATION OF REFERENCE CLADDING EXCHANGE PROGRAM

ADVANCED LMFBR FUEL (CARBIDE)

AREA 9: COMPONENTS

STEAM GENERATOR MATERIALS.

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